



THIRD PLACE WINNER
Fairfax County Regional Science and Engineering Fair
 March 18, 2007

Code	Project Title	Student	School
TM-A-6	Varied Water Habitats on Brine Shrimp Life Span	Jane Hur, Alex Kelly	Lake Braddock Secondary School
TM-A-7	Effect of Temperature on Planarian Regeneration	Carlos Salinas, Ryan Watson	Hayfield Secondary
10-B-3	Related Imagery Introduced to the Visual Cortex	Anthony Mehalic	Westfield High School
11-B-1	Effect of Music Types on Physical Task Completion	Evan Collins	Robinson Secondary
TM-B-1	Crickets Chirping	Justin Alderson, Katherine Willis	South County Secondary School
TM-B-4	Rhythm of the Night	J. Erin Malapit, Candace Muramoto	Lee High School
12-D-2	Leukocyte Mast Cell Infiltration & Invasion	Alisha Tuteja	Thomas Jefferson H S for Science and Technology
09-E-2	The Effect of Salt on the Rise of Bread	Erin Moore	Lee High School
09-E-6	Effect of Different Drinks on Corrosion of Screws	Brianna Addison	Lake Braddock Secondary School
09-E-8	Yum Delish: Does It Become Sugar-Less?	Jeanna Sulse	Falls Church High School
10-E-1	The Effect of Acid Rain on the Decrease of Calcium	Steffi Castillo	Lee High School
11-E-2	The Energy Stored in Different Types of Chips	Jordan Black	South County Secondary School
11-E-4	The Effect of Xanthan Gum on Water Viscosity	Karan Mehra	Fairfax High School
11-E-6	Effect of Different Fats on the Properties of Soap	Sonya Kobielus	Edison High School
TM-E-1	Percent Sugar on the Conductivity of Electrolytes	Kaylee Ahnberg, Amie Raymann	South County Secondary School
TM-E-7	The Search for an Eco-Friendly Ice Melter	Anna LaValley, William Ramswell	South Lakes High School
TM-E-20	Calorie-O-Meter	Samantha Lasley, Jena Starr	Lee High School
TM-E-24	The Effect of Various Surfaces on the Melting Rate	Emily Brown, Megan Savary, Carrie Whitehurst	Hayfield Secondary
10-F-1	Background Noise on Speech Recognition	Nltin Iyengar	Westfield High School
12-F-2	Automatically Extracting Parameters from Diving Profil	Gregory Son	West Potomac High School
09-H-1	Computational Exploration of Protein Function	Ankrit Kaushik	McLean High School
TM-H-1	The Effect of Creep and Temperature on Materials	Anthony Bonadies, Benjamin Sykes	Westfield High School
TM-H-5	Testing Wood Thru the Building of Bridges	Peter Schlatter, Robert Sumner	Westfield High School
09-I-3	Which Material is Strongest and Does Shape Matter?	Adam Pennington	Madison High School
09-I-4	The Effect of Rotations on the Rocket's Stability	Enoch Kim	Oakton High School



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10-I-2	The Effect of Blade Angle and Shape on Windmills	Peter Chen	Oakton High School
12-I-4	Effect of Wind on Buildings Structural Integrity	Suraj Kulkarni	Herndon High School
TM-I-9	Are LEDs More Efficient Than Incandescent Lights?	Aleca Blaisdell-Black, Alexandra Tellez	Woodson High School
TM-I-12	Conversion of Modulated Light into Sound	Robert Kim, Jin Young Park	Langley High School
10-J-1	High Lift Devices on a Clark Y Airfoil	Ian Schumacher	Fairfax High School
TM-J-3	The Effect of Different Materials on Friction	Joseph Angello, Thomas Fenyak	Westfield High School
TM-J-6	The Energy of Inorganic Biodegradable Matter	Dorin Methfessel, Kristina North	Centreville High School
09-K-2	Leaching of Nutrients From Soil	Millie Clarke	Woodson High School
10-K-5	The Effect of Urbanization on Water Quality Levels	Stephanie Kelly	Centreville High School
11-K-1	Succession: To Grow or Not to Grow?	Genevieve Savoie	South County Secondary School
11-K-3	Effect of Salt Breakthrough on Soil Depletion	Sujata Bhattarai	Chantilly High School
TM-K-15	Effect of Clay Content on Pesticide Retention	Bobby Clark, Michael Isani, Giovanni Quinteros	West Potomac High School
TM-K-16	Duckweed Dilemma	Andrew Knoll, Sierra Peralta, Wesley Transue	Annandale High School
10-L-2	Chemical Treatment for Ballast Water	Hilary Jensen	Chantilly High School
TM-L-4	What a Waste!	Francesca Lee, Marinn Machen	Fairfax High School
TM-L-5	Recyclables at Lee High School	David Clark, Ricky Kalweit, Sean Williams	Lee High School
09-N-2	Age of Bone on Amount of Calcium Type Absorbed	Sean-Michael King	Hayfield Secondary
10-N-1	The Effect of Popular Beverages on Human Teeth	Jordan Jones	Lake Braddock Secondary School
09-O-2	Effect of Milk Products on Escherichia coli Growth	Caroline Gray	Chantilly High School
10-O-1	Comparing Bacteria at Home and at School	Jessie Nucho	McLean High School
10-O-2	Organic vs. Inorganic, Which Would You Choose?	Elizabeth Boott	Madison High School
TM-O-7	The Effect of UV Radiation on Sordaria Fimicola	Christine Boyd, Paul Coleman Eskridge II, Brittany Posey	Hayfield Secondary
TM-O-9	When Bathroom Bacteria Attacks! Boys vs. Girls	Jude Bakeer, Mae Etulle, Allen Merced	Lee High School
10-P-2	Electr-yeast-ity	Arfa Aijazi	South Lakes High School
10-P-4	The Effect of Marble Drop Height on Impact Craters	Chadwick Eason	Mount Vernon High School



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10-P-6	Every Second Counts	Stephen Koelbl	Robinson Secondary
10-P-7	Effect of Transition Steps on Leap Height	Stephanie Smith	Chantilly High School
10-P-8	Tire Inflation Pressure and Gas Mileage	Gary Schudel	Langley High School
11-P-4	The Effect of Helium on a Football's Distance	Justin McCormick	Mount Vernon High School
11-P-9	Effect of Camber Size on Lift	George Buhl	Hayfield Secondary
11-P-10	The Effect of Temperature on Instrument Pitch	Michael Wolf	Oakton High School
12-P-1	The Dynamics of Coronal Streamers	Caroline Bogdan	Thomas Jefferson H S for Science and Technology
12-P-4	Mode Locked Spin Synchronization in Quantum Dots	Wei Hao	Thomas Jefferson H S for Science and Technology
12-P-7	The Design and Application of a Sonic Flashlight	Lauren Ruth	Thomas Jefferson H S for Science and Technology
TM-P-3	The Effect of Baking Soda on Bread Volume	Lydia Kwag, Sarah Lee, Sarah Peavey	Oakton High School
TM-P-21	The Effect of Instrument Material on Sound	Natasha Bakay, Priyanka Salona	Marshall High School
TM-P-23	Trump-ophone	Jacquelyn Bruhn, Blair Hamrick	South County Secondary School
TM-P-25	Because You're Hot Doesn't Mean You're Attractive	Jason Cheng, Chris Shin	Marshall High School
TM-P-27	The Extraction of Electrical Energy From Waves	Devon Cain, Teresa Caro, Carolyn Gibson	West Potomac High School
TM-P-29	The Effect of Heat on Friction	Huy Do, Michael Lee, Yuan Zhou	Robinson Secondary
TM-P-31	Nozzle Size on Height, Velocity and Pressure	Peter Carr, Seth Kaye, Alex Rosenberg	Lake Braddock Secondary School
09-Q-2	The Effect of Light on Plant Flowering	Jonathan Reeg	Oakton High School
10-Q-4	Ultrasonic Waves and Bean Plant Growth Factors	Jin-Min Lee	Centreville High School
10-Q-6	Potassium Nitrate at the Grassroots Level	Shilpa Darivemula	Madison High School
11-Q-1	Germination of Soybeans by Amino Acids	Faisal Aslam	Mount Vernon High School
11-Q-3	Effect of Abnormal Magnetic Field on Plants	Jessica Robinson	Lake Braddock Secondary School
TM-Q-3	The Effect of Earthworms on Philodendron Growth	Christina Nugent, Lauren Williams	Oakton High School
TM-Q-6	The Effect of Spacing on Plant Growth	Rachelle Dionisio, Bria Francisco, Grace How Yew Kin	Lee High School
TM-Q-7	The Effect of Brushing on Tomato Plants	Zodina Beiene, Megan Smith	Westfield High School
TM-Q-12	Can Photosynthesis Occur On Saturn?	Jaweria Arshad, Hira Asif	Annandale High School